

Converting Colors

CIELCh(98, 12.679, 36.372)

Have a look what the booklet for
CIELCh(98, 12.679, 36.372) contains.

CIELCh(96, 5.869, 56.994)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(96, 5.869, 56.994)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1EA
RGB	254, 241, 234
RGB Percent	100%, 95%, 92%
CMY	0.0036, 0.0545, 0.0819
CMYK	0.00, 0.05, 0.08, 0.00
HSL	21°, 92%, 96%
HSV	21°, 8%, 100%
XYZ	87.2606, 90.0078, 90.6988
YIQ	244.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

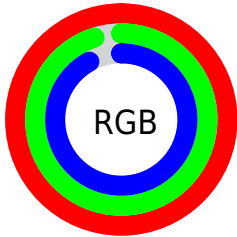
Format	Color
R _Y B	254, 245, 234
Decimal	16708074
CIE Lab	96.00, 3.20, 4.92
CIE LCh	96, 5.869, 56.994
Yxy	90.0078, 0.3256, 0.3359
Android (android.graphics.Color)	4294898154 (0xFFFEF1EA)
YUV	244.0890, -4.9739, 8.6919
Hunter-Lab	94.8724, -1.8482, 9.7290

Details

The CIELCh color **96, 5.869, 56.994** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 5.659, 238.638**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.899, 59.085** is the 20% darker color. If you saturate the color by 10%, you get **91, 13.813, 56.242**, and if you desaturate by 10%, it is **100, 0.314, 201.495**.

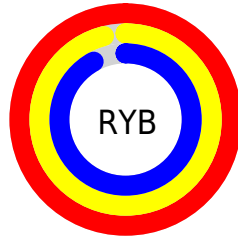
Distribution



Red (100%)

Green (95%)

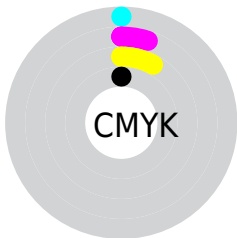
Blue (92%)



Red (100%)

Yellow (96%)

Blue (92%)

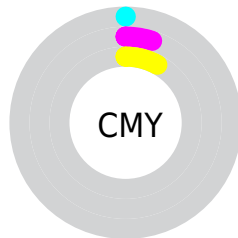


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.869, 56.994 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 96, 5.869, 56.994 by changing the saturation by 10% instead.



96, 5.869, 56.994

96, 5.869, 56.994

91, 13.813, 56.242

100, 0.314,
201.495

87, 22.337, 55.470

82, 31.487, 54.754

78, 41.277, 54.112

74, 51.666, 53.548

70, 62.495, 53.028

67, 73.354, 52.441

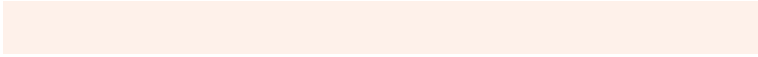
63, 83.336, 51.505

61, 90.951, 49.737

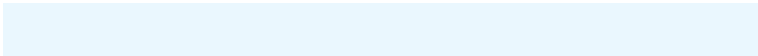
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



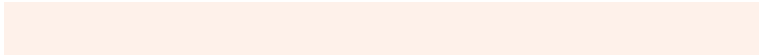
96, 5.869, 56.994



97, 5.659, 238.638

Rectangle

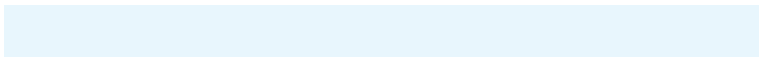
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 5.869, 56.994



96, 5.869, 106.994



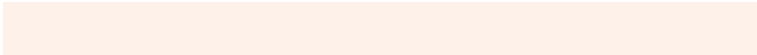
96, 5.869, 236.994



96, 5.869, 286.994

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



96, 5.869, 57.022



99, 1.463, 57.232



95, 9.756, 336.904



53, 0.831, 57.220



0, 0.000, 0.000



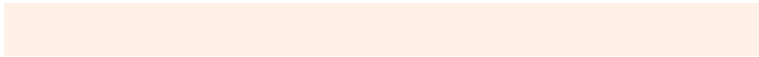
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.869, 57.022



96, 6.763, 56.937



98, 8.680, 102.371



51, 4.280, 56.899



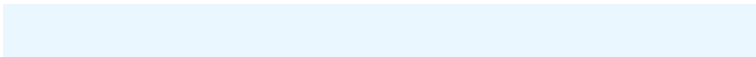
46, 74.154, 49.980



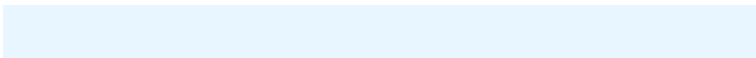
14, 27.944, 47.836

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



97, 5.659, 238.638



96, 6.481, 238.744



94, 8.794, 284.169



51, 4.091, 238.793



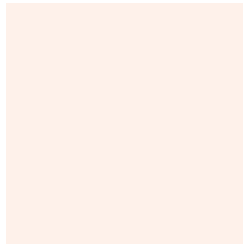
50, 43.119, 265.019



15, 18.406, 257.754

Previews

White Background



This preview shows how the CIELCh color 96, 5.869, 56.994 looks on a white background.

Color Contrast Check

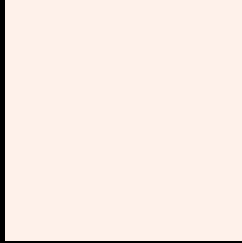
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 5.869, 56.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

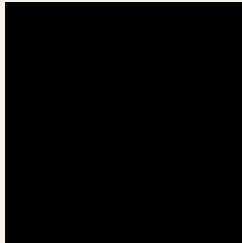
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

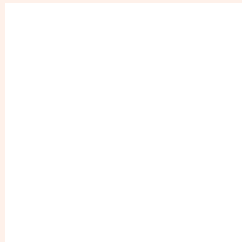
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.869, 56.994

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.869, 56.994.

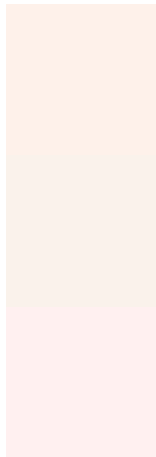


This preview shows how white text looks on a background with the CIELCh color 96, 5.869, 56.994.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


96, 5.874, 56.991

Protanopia

96, 4.563, 70.917

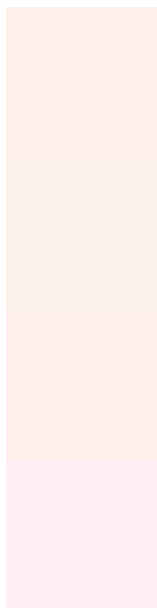
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 9.560, 326.487

Trichromacy



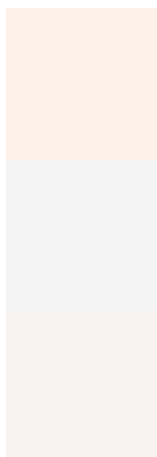
Original Color
96, 5.874, 56.991

Protanomaly
96, 4.797, 67.546

Deuteranomaly
96, 5.464, 30.405

Tritanomaly
96, 6.429, 345.912

Monochromacy



Original Color
96, 5.874, 56.991

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.329, 60.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.869, 56.994 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 241, 234)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 241, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.869, 56.994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 241, 234) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 241, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 241, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 234);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.869, 56.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
241, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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